

# David Kieda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9472083/publications.pdf>

Version: 2024-02-01

181  
papers

8,975  
citations

41344

49  
h-index

49909

87  
g-index

185  
all docs

185  
docs citations

185  
times ranked

4670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
2	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
3	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. <i>Science</i> , 2017, 358, 911-914.	12.6	303
4	VERITAS: the Very Energetic Radiation Imaging Telescope Array System. <i>Astroparticle Physics</i> , 2002, 17, 221-243.	4.3	271
5	The first VERITAS telescope. <i>Astroparticle Physics</i> , 2006, 25, 391-401.	4.3	206
6	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , 2017, 843, 40.	4.5	200
7	Radio Imaging of the Very-High-Energy $\hat{\gamma}$ -Ray Emission Region in the Central Engine of a Radio Galaxy. <i>Science</i> , 2009, 325, 444-448.	12.6	175
8	A Multiwavelength View of the TeV Blazar Markarian 421: Correlated Variability, Flaring, and Spectral Evolution. <i>Astrophysical Journal</i> , 2005, 630, 130-141.	4.5	171
9	Detection of Pulsed Gamma Rays Above 100 GeV from the Crab Pulsar. <i>Science</i> , 2011, 334, 69-72.	12.6	161
10	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM <i>TYCHO</i> â€™S SUPERNOVA REMNANT. <i>Astrophysical Journal Letters</i> , 2011, 730, L20.	8.3	159
11	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017, 843, 39.	4.5	159
12	Sensitivity of the high altitude water Cherenkov detector to sources of multi-TeV gamma rays. <i>Astroparticle Physics</i> , 2013, 50-52, 26-32.	4.3	156
13	TeV Gamma-Ray Observations of the Galactic Center. <i>Astrophysical Journal</i> , 2004, 608, L97-L100.	4.5	155
14	Multiple Galactic Sources with Emission Above 56ÂTeV Detected by HAWC. <i>Physical Review Letters</i> , 2020, 124, 021102.	7.8	143
15	OBSERVATION OF EXTENDED VERY HIGH ENERGY EMISSION FROM THE SUPERNOVA REMNANT IC 443 WITH VERITAS. <i>Astrophysical Journal</i> , 2009, 698, L133-L137.	4.5	116
16	TeV AND MULTI-WAVELENGTH OBSERVATIONS OF Mrk 421 IN 2006-2008. <i>Astrophysical Journal</i> , 2011, 738, 25.	4.5	111
17	On the sensitivity of the HAWC observatory to gamma-ray bursts. <i>Astroparticle Physics</i> , 2012, 35, 641-650.	4.3	100
18	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. <i>Astrophysical Journal</i> , 2020, 905, 76.	4.5	99

#	ARTICLE	IF	CITATIONS
19	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. <i>Astrophysical Journal</i> , 2019, 881, 134.	4.5	98
20	CONSTRAINTS ON COSMIC RAYS, MAGNETIC FIELDS, AND DARK MATTER FROM GAMMA-RAY OBSERVATIONS OF THE COMA CLUSTER OF GALAXIES WITH VERITAS AND FERMI. <i>Astrophysical Journal</i> , 2012, 757, 123.	4.5	92
21	Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. <i>Astronomy and Astrophysics</i> , 2015, 578, A22.	5.1	92
22	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016, 819, 156.	4.5	90
23	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009, 691, L13-L19.	4.5	86
24	The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. <i>Astronomy and Astrophysics</i> , 2015, 576, A126.	5.1	84
25	Detection of the BL Lacertae Object H1426+428 at TeV Gamma-Ray Energies. <i>Astrophysical Journal</i> , 2002, 571, 753-762.	4.5	83
26	RAPID TeV GAMMA-RAY FLARING OF BL LACERTAE. <i>Astrophysical Journal</i> , 2013, 762, 92.	4.5	80
27	VERITAS OBSERVATIONS OF A VERY HIGH ENERGY $\hat{\gamma}$ -RAY FLARE FROM THE BLAZAR 3C 66A. <i>Astrophysical Journal</i> , 2009, 693, L104-L108.	4.5	79
28	OBSERVATIONS OF THE SHELL-TYPE SUPERNOVA REMNANT CASSIOPEIA A AT TeV ENERGIES WITH VERITAS. <i>Astrophysical Journal</i> , 2010, 714, 163-169.	4.5	76
29	VERITAS deep observations of the dwarf spheroidal galaxy Segue 1. <i>Physical Review D</i> , 2012, 85, .	4.7	76
30	Dark matter constraints from a joint analysis of dwarf Spheroidal galaxy observations with VERITAS. <i>Physical Review D</i> , 2017, 95, .	4.7	76
31	Detection of TeV Gamma Rays from the BL Lacertae Object 1ES 1959+650 with the Whipple 10 Meter Telescope. <i>Astrophysical Journal</i> , 2003, 583, L9-L12.	4.5	75
32	VERITAS SEARCH FOR VHE GAMMA-RAY EMISSION FROM DWARF SPHEROIDAL GALAXIES. <i>Astrophysical Journal</i> , 2010, 720, 1174-1180.	4.5	73
33	THE DISCOVERY OF $\hat{\gamma}$ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010, 715, L49-L55.	8.3	72
34	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71
35	OBSERVATION OF SMALL-SCALE ANISOTROPY IN THE ARRIVAL DIRECTION DISTRIBUTION OF TeV COSMIC RAYS WITH HAWC. <i>Astrophysical Journal</i> , 2014, 796, 108.	4.5	71
36	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43.	4.5	70

#	ARTICLE	IF	CITATIONS
37	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. <i>Astrophysical Journal</i> , 2011, 729, 2.	4.5	70
38	GAMMA-RAYS FROM THE QUASAR PKS 1441+25: STORY OF AN ESCAPE. <i>Astrophysical Journal Letters</i> , 2015, 815, L22.	8.3	69
39	Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2018, 853, 154.	4.5	69
40	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106.	8.3	66
41	A THREE-YEAR MULTI-WAVELENGTH STUDY OF THE VERY-HIGH-ENERGY $\hat{\gamma}$ -RAY BLAZAR 1ES 0229+200. <i>Astrophysical Journal</i> , 2014, 782, 13.	4.5	64
42	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. <i>Nature Astronomy</i> , 2021, 5, 465-471.	10.1	62
43	Cutoff in the T[CLC]e[/CLC]V Energy Spectrum of Markarian 421 during Strong Flares in 2001. <i>Astrophysical Journal</i> , 2001, 560, L45-L48.	4.5	57
44	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009, 703, 169-178.	4.5	55
45	Gamma-ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi. <i>Astrophysical Journal</i> , 2017, 836, 23.	4.5	55
46	DISCOVERY OF VARIABILITY IN THE VERY HIGH ENERGY $\hat{\gamma}$ -RAY EMISSION OF 1ES 1218+304 WITH VERITAS. <i>Astrophysical Journal Letters</i> , 2010, 709, L163-L167.	8.3	54
47	A SEARCH FOR BRIEF OPTICAL FLASHES ASSOCIATED WITH THE SETI TARGET KIC 8462852. <i>Astrophysical Journal Letters</i> , 2016, 818, L33.	8.3	54
48	DETECTION OF EXTENDED VHE GAMMA RAY EMISSION FROM G106.3+2.7 WITH VERITAS. <i>Astrophysical Journal</i> , 2009, 703, L6-L9.	4.5	51
49	Multiwavelength Observations of the Blazar Markarian 421 in 2002 December and 2003 January. <i>Astrophysical Journal</i> , 2006, 641, 740-751.	4.5	50
50	Constraints on the Very High Energy Emission from BL Lacertae Objects. <i>Astrophysical Journal</i> , 2004, 603, 51-61.	4.5	50
51	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. <i>Astrophysical Journal</i> , 2015, 812, 65.	4.5	49
52	Multiwavelength observations of Mrk 501 in 2008. <i>Astronomy and Astrophysics</i> , 2015, 573, A50.	5.1	49
53	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
54	DISCOVERY OF VERY HIGH ENERGY GAMMA-RAY RADIATION FROM THE BL LAC 1ES 0806+524. <i>Astrophysical Journal</i> , 2009, 690, L126-L129.	4.5	47

#	ARTICLE	IF	CITATIONS
55	Extreme HBL behavior of Markarian 501 during 2012. <i>Astronomy and Astrophysics</i> , 2018, 620, A181.	5.1	47
56	DISCOVERY OF TeV GAMMA-RAY EMISSION TOWARD SUPERNOVA REMNANT SNR G78.2+2.1. <i>Astrophysical Journal</i> , 2013, 770, 93.	4.5	46
57	SPATIALLY RESOLVING THE VERY HIGH ENERGY EMISSION FROM MGRO J2019+37 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 788, 78.	4.5	46
58	OBSERVATIONS OF THE UNIDENTIFIED GAMMA-RAY SOURCE TeV J2032+4130 BY VERITAS. <i>Astrophysical Journal</i> , 2014, 783, 16.	4.5	44
59	VERITAS OBSERVATIONS OF GAMMA-RAY BURSTS DETECTED BY <i>SWIFT</i> . <i>Astrophysical Journal</i> , 2011, 743, 62.	4.5	42
60	DISCOVERY OF HIGH-ENERGY AND VERY HIGH ENERGY $\hat{\beta}$ -RAY EMISSION FROM THE BLAZAR RBS 0413. <i>Astrophysical Journal</i> , 2012, 750, 94.	4.5	42
61	EVIDENCE FOR LONG-TERM GAMMA-RAY AND X-RAY VARIABILITY FROM THE UNIDENTIFIED TeV SOURCE HESS J0632+057. <i>Astrophysical Journal</i> , 2009, 698, L94-L97.	4.5	41
62	VERITAS OBSERVATIONS OF DAY-SCALE FLARING OF M 87 IN 2010 APRIL. <i>Astrophysical Journal</i> , 2012, 746, 141.	4.5	41
63	Spectrum of Very High Energy Gamma-rays from the blazar 1ES 1959+650 during Flaring Activity in 2002. <i>Astrophysical Journal</i> , 2005, 621, 181-187.	4.5	40
64	Search for Magnetically Broadened Cascade Emission from Blazars with VERITAS. <i>Astrophysical Journal</i> , 2017, 835, 288.	4.5	40
65	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. <i>Astrophysical Journal</i> , 2014, 780, 168.	4.5	39
66	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC. <i>Astrophysical Journal</i> , 2017, 841, 100.	4.5	39
67	Sensitivity of HAWC to high-mass dark matter annihilations. <i>Physical Review D</i> , 2014, 90, .	4.7	38
68	The most powerful flaring activity from the NLSy1 PMN J0948+0022. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 2456-2467.	4.4	38
69	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	8.3	38
70	Observation of Markarian 421 in TeV gamma rays over a 14-year time span. <i>Astroparticle Physics</i> , 2014, 54, 1-10.	4.3	38
71	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. <i>Astrophysical Journal Letters</i> , 2018, 867, L19.	8.3	38
72	A Very High Energy $\hat{\beta}$ -Ray Survey toward the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2018, 861, 134.	4.5	37

#	ARTICLE	IF	CITATIONS
73	VERITAS 2008-2009 MONITORING OF THE VARIABLE GAMMA-RAY SOURCE M 87. <i>Astrophysical Journal</i> , 2010, 716, 819-824.	4.5	36
74	MULTIWAVELENGTH OBSERVATIONS OF THE VERY HIGH ENERGY BLAZAR 1ES 2344+514. <i>Astrophysical Journal</i> , 2011, 738, 169.	4.5	36
75	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , 2019, 111, 35-53.	4.3	35
76	MULTIWAVELENGTH OBSERVATIONS OF LS I +61° 303 WITH VERITAS, SWIFT, AND RXTE. <i>Astrophysical Journal</i> , 2009, 700, 1034-1041.	4.5	34
77	INVESTIGATING THE TeV MORPHOLOGY OF MGRO J1908+06 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 787, 166.	4.5	34
78	Evidence for Proton Acceleration up to TeV Energies Based on VERITAS and Fermi-LAT Observations of the Cas A SNR. <i>Astrophysical Journal</i> , 2020, 894, 51.	4.5	34
79	A Survey of Unidentified EGRET Sources at Very High Energies. <i>Astrophysical Journal</i> , 2005, 624, 638-655.	4.5	33
80	MULTIWAVELENGTH OBSERVATIONS OF THE PREVIOUSLY UNIDENTIFIED BLAZAR RX J0648.7+1516. <i>Astrophysical Journal</i> , 2011, 742, 127.	4.5	33
81	DISCOVERY OF A NEW TeV GAMMA-RAY SOURCE: VER J0521+211. <i>Astrophysical Journal</i> , 2013, 776, 69.	4.5	33
82	VERITAS DETECTION OF $\hat{3}$ -RAY FLARING ACTIVITY FROM THE BL LAC OBJECT 1ES 1727+502 DURING BRIGHT MOONLIGHT OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 808, 110.	4.5	33
83	SEARCH FOR TeV GAMMA-RAY EMISSION FROM POINT-LIKE SOURCES IN THE INNER GALACTIC PLANE WITH A PARTIAL CONFIGURATION OF THE HAWC OBSERVATORY. <i>Astrophysical Journal</i> , 2016, 817, 3.	4.5	33
84	DISCOVERY OF VERY HIGH ENERGY $\hat{3}$ -RAY EMISSION FROM THE SNR G54.1+0.3. <i>Astrophysical Journal Letters</i> , 2010, 719, L69-L73.	8.3	32
85	Evidence that Ultra-high-energy Gamma Rays Are a Universal Feature near Powerful Pulsars. <i>Astrophysical Journal Letters</i> , 2021, 911, L27.	8.3	32
86	VERITAS OBSERVATIONS OF THE TeV BINARY LS I +61° 303 DURING 2008-2010. <i>Astrophysical Journal</i> , 2011, 738, 3.	4.5	31
87	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM CTA 1 BY VERITAS. <i>Astrophysical Journal</i> , 2013, 764, 38.	4.5	31
88	A SEARCH FOR ENHANCED VERY HIGH ENERGY GAMMA-RAY EMISSION FROM THE 2013 MARCH CRAB NEBULA FLARE. <i>Astrophysical Journal Letters</i> , 2014, 781, L11.	8.3	30
89	SEARCH FOR GAMMA-RAYS FROM THE UNUSUALLY BRIGHT GRB 130427A WITH THE HAWC GAMMA-RAY OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 800, 78.	4.5	30
90	Development of a digital astronomical intensity interferometer: laboratory results with thermal light. <i>Journal of Modern Optics</i> , 2018, 65, 1336-1344.	1.3	30

#	ARTICLE	IF	CITATIONS
91	Measurement of the Extragalactic Background Light Spectral Energy Distribution with VERITAS. <i>Astrophysical Journal</i> , 2019, 885, 150.	4.5	30
92	Demonstration of stellar intensity interferometry with the four VERITAS telescopes. <i>Nature Astronomy</i> , 2020, 4, 1164-1169.	10.1	30
93	INVESTIGATING BROADBAND VARIABILITY OF THE TeV BLAZAR 1ES 1959+650. <i>Astrophysical Journal</i> , 2014, 797, 89.	4.5	29
94	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	4.5	29
95	A Search for TeV Gamma-Ray Emission from High-peaked Flat-spectrum Radio Quasars Using the Whipple Air Cerenkov Telescope. <i>Astrophysical Journal</i> , 2004, 613, 710-715.	4.5	28
96	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. <i>Astrophysical Journal</i> , 2017, 842, 85.	4.5	28
97	Measurement of cosmic-ray electrons at TeV energies by VERITAS. <i>Physical Review D</i> , 2018, 98, .	4.7	28
98	VERITAS OBSERVATIONS OF THE BL LAC OBJECT PG 1553+113. <i>Astrophysical Journal</i> , 2015, 799, 7.	4.5	27
99	TeV GAMMA-RAY OBSERVATIONS OF THE GALACTIC CENTER RIDGE BY VERITAS. <i>Astrophysical Journal</i> , 2016, 821, 129.	4.5	27
100	VERITAS Observations of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 861, L20.	8.3	27
101	Search for High-Energy Gamma Rays from an X-ray-selected Blazar Sample. <i>Astrophysical Journal</i> , 2003, 599, 909-917.	4.5	26
102	MULTIWAVELENGTH OBSERVATIONS OF THE AGN 1ES 0414+009 WITH VERITAS, FERMI-LAT, SWIFT-XRT, AND MDM. <i>Astrophysical Journal</i> , 2012, 755, 118.	4.5	26
103	CONSTRAINTS ON VERY HIGH ENERGY EMISSION FROM GRB 130427A. <i>Astrophysical Journal Letters</i> , 2014, 795, L3.	8.3	26
104	MULTIWAVELENGTH OBSERVATIONS AND MODELING OF 1ES 1959+650 IN A LOW FLUX STATE. <i>Astrophysical Journal</i> , 2013, 775, 3.	4.5	25
105	VERITAS UPPER LIMIT ON THE VERY HIGH ENERGY EMISSION FROM THE RADIO GALAXY NGC 1275. <i>Astrophysical Journal</i> , 2009, 706, L275-L280.	4.5	24
106	VERITAS OBSERVATIONS OF THE NOVA IN V407 CYGNI. <i>Astrophysical Journal</i> , 2012, 754, 77.	4.5	24
107	Imaging submilliarcsecond stellar features with intensity interferometry using air Cherenkov telescope arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1006-1011.	4.4	24
108	Milagro limits and HAWC sensitivity for the rate-density of evaporating Primordial Black Holes. <i>Astroparticle Physics</i> , 2015, 64, 4-12.	4.3	24

#	ARTICLE	IF	CITATIONS
109	UPPER LIMITS FROM FIVE YEARS OF BLAZAR OBSERVATIONS WITH THE VERITAS CHERENKOV TELESCOPES. <i>Astronomical Journal</i> , 2016, 151, 142.	4.7	24
110	High angular resolution imaging with stellar intensity interferometry using air Cherenkov telescope arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 172-183.	4.4	23
111	Monte Carlo simulation of stellar intensity interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 3187-3195.	4.4	23
112	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical–Gamma-Ray Flux Increase. <i>Astrophysical Journal</i> , 2020, 891, 170.	4.5	22
113	LONG TERM OBSERVATIONS OF B2 1215+30 WITH VERITAS. <i>Astrophysical Journal</i> , 2013, 779, 92.	4.5	21
114	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24.	4.5	21
115	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
116	VERITAS Observations of the Galactic Center Region at Multi-TeV Gamma-Ray Energies. <i>Astrophysical Journal</i> , 2021, 913, 115.	4.5	21
117	Multiwavelength Observations of 1ES 1959+650, 1 Year after the Strong Outburst of 2002. <i>Astrophysical Journal</i> , 2006, 644, 742-747.	4.5	20
118	Very high energy outburst of Markarian 501 in May 2009. <i>Astronomy and Astrophysics</i> , 2016, 594, A76.	5.1	20
119	Detection of the Crab Nebula with the 9.7Åm prototype Schwarzschild-Couder telescope. <i>Astroparticle Physics</i> , 2021, 128, 102562.	4.3	19
120	VERY-HIGH ENERGY OBSERVATIONS OF THE GALACTIC CENTER REGION BY VERITAS IN 2010-2012. <i>Astrophysical Journal</i> , 2014, 790, 149.	4.5	18
121	EXCEPTIONALLY BRIGHT TEV FLARES FROM THE BINARY LS IÅ+61Å° 303. <i>Astrophysical Journal Letters</i> , 2016, 817, L7.	8.3	17
122	Gamma-ray observations under bright moonlight with VERITAS. <i>Astroparticle Physics</i> , 2017, 91, 34-43.	4.3	17
123	Observation of the shadows of the Moon and Sun using 100 TeV cosmic rays. <i>Physical Review D</i> , 1994, 49, 1171-1177.	4.7	16
124	VERITAS OBSERVATIONS OF THE MICROQUASAR CYGNUS X-3. <i>Astrophysical Journal</i> , 2013, 779, 150.	4.5	16
125	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. <i>Astrophysical Journal</i> , 2017, 843, 116.	4.5	16
126	A Luminous and Isolated Gamma-Ray Flare from the Blazar B2 1215+30. <i>Astrophysical Journal</i> , 2017, 836, 205.	4.5	16



#	ARTICLE	IF	CITATIONS
127	Data acquisition architecture and online processing system for the HAWC gamma-ray observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 888, 138-146.	1.6	16
128	HESS J1943+213: An Extreme Blazar Shining through the Galactic Plane. Astrophysical Journal, 2018, 862, 41.	4.5	15
129	SEARCH FOR A CORRELATION BETWEEN VERY-HIGH-ENERGY GAMMA RAYS AND GIANT RADIO PULSES IN THE CRAB PULSAR. Astrophysical Journal, 2012, 760, 136.	4.5	14
130	Direct measurement of stellar angular diameters by the VERITAS Cherenkov telescopes. Nature Astronomy, 2019, 3, 511-516.	10.1	14
131	A SEARCH FOR PULSATIONS FROM GEMINGA ABOVE 100 GeV WITH VERITAS. Astrophysical Journal, 2015, 800, 61.	4.5	13
132	Very-High-Energy $\gamma$ -Ray Observations of the Blazar 1ES 2344+514 with VERITAS. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2117-2123.	4.4	13
133	VERITAS Discovery of VHE Emission from the Radio Galaxy 3C 264: A Multiwavelength Study. Astrophysical Journal, 2020, 896, 41.	4.5	13
134	A Survey of Active Galaxies at TeV Photon Energies with the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2021, 907, 67.	4.5	13
135	MULTIWAVELENGTH OBSERVATIONS OF THE TeV BINARY LS I +61 $^{\circ}$ 303 WITH VERITAS, <i>Fermi</i> -LAT, AND <i>Swift</i> /XRT DURING A TeV OUTBURST. Astrophysical Journal, 2013, 779, 88.	4.5	12
136	Discovery of very high energy gamma rays from 1ES 1440+122. Monthly Notices of the Royal Astronomical Society, 2016, 461, 202-208.	4.4	12
137	VERITAS and multiwavelength observations of the BL Lacertae object 1ES 1741+196. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2550-2557.	4.4	12
138	Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2017, 843, 88.	4.5	12
139	Cosmic ray spectrum of protons plus helium nuclei between 6 and 158 TeV from HAWC data. Physical Review D, 2022, 105, .	4.7	12
140	VERITAS OBSERVATIONS OF THE UNUSUAL EXTRAGALACTIC TRANSIENT SWIFT J164449.3+573451. Astrophysical Journal Letters, 2011, 738, L30.	8.3	11
141	VAMOS: A pathfinder for the HAWC gamma-ray observatory. Astroparticle Physics, 2015, 62, 125-133.	4.3	11
142	Measurement of the iron spectrum in cosmic rays by VERITAS. Physical Review D, 2018, 98, .	4.7	11
143	Toward a revival of stellar intensity interferometry. , 2008, , .		10
144	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. Astrophysical Journal, 2021, 923, 241.	4.5	10

#	ARTICLE	IF	CITATIONS
145	VERITAS OBSERVATIONS OF SIX BRIGHT, HARD-SPECTRUM FERMI-LAT BLAZARS. <i>Astrophysical Journal</i> , 2012, 759, 102.	4.5	9
146	Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC. <i>Astrophysical Journal</i> , 2021, 914, 106.	4.5	9
147	Variability and Spectral Characteristics of Three Flaring Gamma-Ray Quasars Observed by VERITAS and Fermi-LAT. <i>Astrophysical Journal</i> , 2022, 924, 95.	4.5	9
148	Design and performance of the prototype Schwarzschild-Couder telescope camera. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	9
149	Stellar intensity interferometry: imaging capabilities of air Cherenkov telescope arrays. , 2010, , .		8
150	A Strong Limit on the Very-high-energy Emission from GRB 150323A. <i>Astrophysical Journal</i> , 2018, 857, 33.	4.5	8
151	A SEARCH FOR VERY HIGH ENERGY GAMMA RAYS FROM THE MISSING LINK BINARY PULSAR J1023+0038 WITH VERITAS. <i>Astrophysical Journal</i> , 2016, 831, 193.	4.5	6
152	A Search for Pulsed Very High-energy Gamma-Rays from 13 Young Pulsars in Archival VERITAS Data. <i>Astrophysical Journal</i> , 2019, 876, 95.	4.5	6
153	Probing the Properties of the Pulsar Wind in the Gamma-Ray Binary HESS J0632+057 with NuSTAR and VERITAS Observations. <i>Astrophysical Journal</i> , 2020, 888, 115.	4.5	6
154	HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. <i>Astrophysical Journal</i> , 2022, 928, 116.	4.5	6
155	VERITAS: STATUS SUMMARY 2009. <i>International Journal of Modern Physics D</i> , 2010, 19, 1003-1012.	2.1	4
156	Discovery of Very-high-energy Emission from RGB J2243+203 and Derivation of Its Redshift Upper Limit. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 7.	7.7	4
157	Status of the development of NUV SiPMs for INFN optical modules for the SCT medium sized telescope proposed for the CTA observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 982, 164486.	1.6	4
158	A Search for TeV Gamma-Ray Emission from Pulsar Tails by VERITAS. <i>Astrophysical Journal</i> , 2021, 916, 117.	4.5	4
159	An Archival Search for Neutron-star Mergers in Gravitational Waves and Very-high-energy Gamma Rays. <i>Astrophysical Journal</i> , 2021, 918, 66.	4.5	4
160	Multiwavelength Observation Campaign of the TeV Gamma-Ray Binary HESS J0632 + 057 with NuSTAR, VERITAS, MDM, and Swift. <i>Astrophysical Journal</i> , 2021, 923, 17.	4.5	4
161	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.	4.5	4
162	Deployment of the VERITAS observatory. <i>Journal of Physics: Conference Series</i> , 2006, 47, 232-237.	0.4	3

#	ARTICLE	IF	CITATIONS
163	VERY HIGH ENERGY OBSERVATIONS OF THE BINARIES V 404 CYG AND 4U 0115+634 DURING GIANT X-RAY OUTBURSTS. <i>Astrophysical Journal</i> , 2016, 831, 113.	4.5	3
164	VERITAS Detection of LS 5039 and HESS J1825-137. <i>Astroparticle Physics</i> , 2020, 117, 102403.	4.3	3
165	HAWC Search for High-mass Microquasars. <i>Astrophysical Journal Letters</i> , 2021, 912, L4.	8.3	3
166	TEST OF MODELS OF THE COSMIC INFRARED BACKGROUND WITH MULTIWAVELENGTH OBSERVATIONS OF THE BLAZAR 1ES 1218+30.4 IN 2009. <i>Astrophysical Journal</i> , 2014, 788, 158.	4.5	2
167	Toward the construction of a medium size prototype Schwarzschild-Couder telescope for CTA. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
168	Characterization and assembly of near-ultraviolet SiPMs for the Schwarzschild-Couder medium-size telescope proposed for the CTA Observatory. , 2019, , .		2
169	Stellar Intensity Interferometric Capabilities of IACT Arrays. , 2017, , .		2
170	Augmentation of VERITAS Telescopes for Stellar Intensity Interferometry. , 2019, , .		2
171	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. <i>Astrophysical Journal</i> , 2020, 905, 73.	4.5	2
172	Characterization of the background for a neutrino search with the HAWC observatory. <i>Astroparticle Physics</i> , 2022, 137, 102670.	4.3	2
173	First results from VERITAS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 588, 26-32.	1.6	1
174	Search for TeV Emission from Geminga by the VERITAS Observatory. , 2008, , .		1
175	Deployment of a Pair of 3 M telescopes in Utah. , 2008, , .		1
176	Constraints on the Emission of Gamma-Rays from M31 with HAWC. <i>Astrophysical Journal</i> , 2020, 893, 16.	4.5	1
177	A Fiber Optic Based High Voltage System for Stellar Intensity Interferometry Observations. , 2019, , .		1
178	The very high energy gamma ray spectra of IES 1959+650 and Mrk 421 as measured with the Whipple 10 m telescope. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
179	Site Characteristics of Southern Utah Sites for Astronomical Observatories. , 2008, , .		0
180	The track imaging Cherenkov experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 175-181.	1.6	0

#	ARTICLE	IF	CITATIONS
181	Probing the Extragalactic Mid-infrared Background with HAWC. <i>Astrophysical Journal</i> , 2022, 933, 223.	4.5	0